

## ACTIVITY IN STEEL BUSINESS AHEAD

Heavy Demand for Structural Shapes and Plates—Big Business Expected.

CLEVELAND, O., May 11.—The Iron Trade Review of this week says: "The condition of the steel business is generally one of activity. Improvement during the past two months, as they are now crowded with specifications, and the prospect are most encouraging. A number of good sized orders have recently been received from San Francisco and other Pacific Coast cities. The demand of structural workers at Chicago for an advance to \$10 per day in wages is causing some anxiety. Heavy premiums are being paid, amounting in a few instances to as much as \$8 per ton for prompt delivery of plates. The Illinois Steel Company's capacity on plates for this year is covered by orders on hand. The inquiry of the Steel Corporation for 6,000 freight cars is one of the indications of continued activity for plates. Similar conditions prevail in regard to sheets.

"The coke market shows continued weakness, but this condition is generally attributed to the fact that a number of blast furnaces have been compelled to blow out for repairs, and there is a third in the making. While low prices are named for spot shipment, producers are not willing to contract for future delivery at the same quotations, as they consistently expect conditions to improve at a not far distant date.

"The Carnegie Steel Company has opened the cotton tie market at an advance of ten cents per bundle over last year's price of eighty-five cents. Large shipments have been made to distributing centers in the South, and the demand is expected to be heavy. The announcement of the Steel Corporation that it was willing to receive orders for steel rails for 1908 delivery was followed by similar announcements by other interests."

## FRESH INTEREST IN A DRY SUBJECT

(Continued from First Page.)

are supposed to be fashioned either from common or uncommon clay. You can, if you hit on the right processes of education, make a good negro out of a black boy, but you cannot possibly make a white man out of him. So, from land that is not naturally adapted to raising strawberries or roses or tobacco, you cannot by any amount of fertilization produce what it was never intended to produce. Yet simple as such a proposition appears to be, somebody is forever possessed with a notion that because the climate or some other factor is favorable he can raise certain crops on land that contains too much clay and not enough sand, or that does not drain aright, and never will. Some soils are, furthermore, naturally prone to diseases, just as some families and even races show inherited lack of vitality, and hence are subject to tuberculosis, cancer and various other diseases.

One of the factors which have been recognized in such a study as the one that Mr. Coffey is making to satisfy the requirements of the department of graduate work at the George Washington University is that of the composition of the soil. The term means essentially the relative coarseness or fineness of the mineral particles that are the basis of all soil. The ordinary scheme of classification runs from gravel through sands, sandy loams, loams, and silt loams to clays. If the particles of a substance of earth are prevailingly coarse the soil is apt to have one value; if they are for the most part fine, quite another value. There is a great deal of variation among even scientists in the use of these terms, and it is Mr. Coffey's purpose to try and secure a more accurate and uniform usage so the work of different investigators will be more comparable. Some scientists think that this question of mechanical composition is the most important of all. Even those who hold a less extreme view are agreed that it is certainly very vital.

The reasons for the differences of soils as regards size of particles involves the whole fascinating geological story of the North American continent. All the great coastal plains of the Atlantic from New York City to the southern tip of Florida are immense tracts of sandy soil which tell to the geologist a tale of the upward pushing of the ocean bed in comparatively recent times, with the result of exposing a great shelf 200 miles wide at its greatest extent in North Carolina. In this district, where so much of the garden truck of the whole country is raised, the soils are composed largely of sand washed down by rivers from the Appalachian Mountains and Piedmont plateau to the west.

Further back in the Piedmont belt are the soils which are heavier and more consistent, being formed directly from the underlying rocks. Behind this belt are the mountainous and hilly regions, grizzled and broken, according to the geological list book. A wearing existence they have led, for countless ages. Every drop of rain that falls is charged with minute quantities of acid that eats into the mountain rocks and keeps the processes of the formation of new material alive. The frosts, too, of the winter split boulders and ledges. The roots of trees and plants on the steep slopes contribute their quota of chemicals that help to dissolve the stone beneath, and also break it up.

Vastness of the Work.

Considering the differences among rocks of only one section, to say nothing of the differences in the soils due to differences in the processes of formation, it is not strange that the scientist who undertakes to classify soils finds an almost depressingly large and intricate variety of dirt awaiting his disposition. The ice alone has made mess enough to keep the experts classifying for a generation or two.

## MALARIA TIME

Take Elixir Babek Now

Those who are subject to attacks of malaria dread to think of the approaching warm weather, bringing with it malarious fever, chills and ague in abundance.

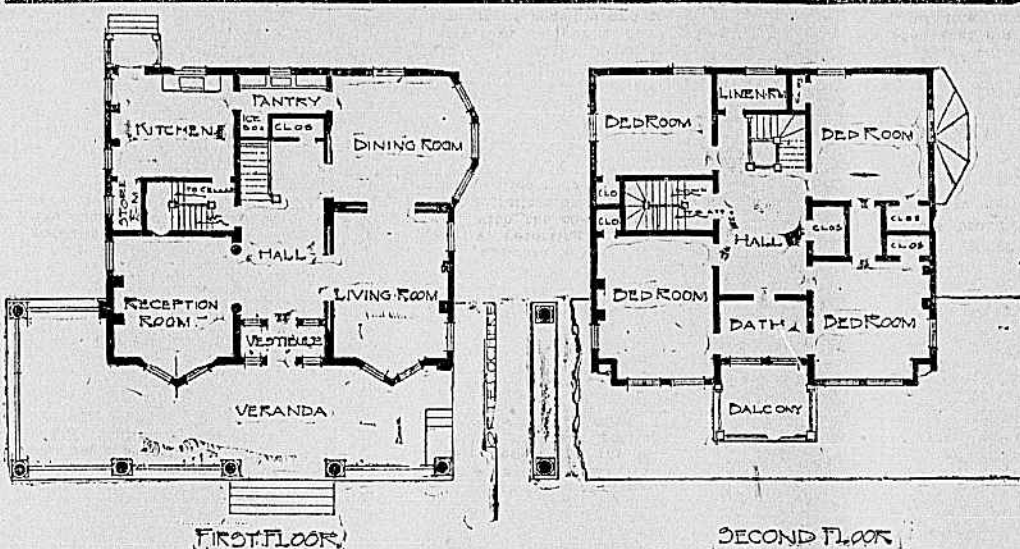
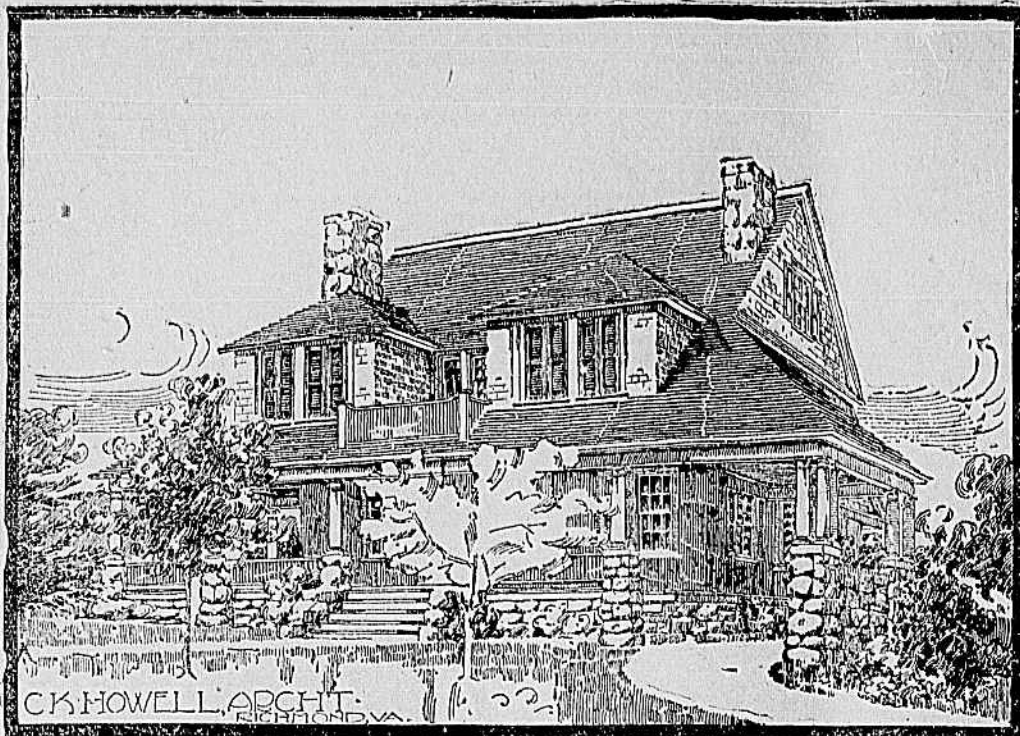
To be immune from this malarious disease you should take Elixir Babek, the old reliable specific for the destruction of the malarial parasite. It has a specific action upon the blood and contains curative medicinal properties peculiar to itself. It cures malarious fevers, chills, ague and kindred ailments, and is an excellent tonic for strengthening and invigorating the system, and should be used by every one at this season of the year.

Jacob Eberly, of Fairfax Court House, Va., says: "Myself and family had suffered very much from malarious fever. Elixir Babek has cured us all and we are enjoying the best of health."

Sold at all drug stores at 50 cents per bottle. Be sure you get what you ask for—Elixir Babek.

## FOR AN ATTRACTIVE SUBURBAN HOME

DESIGNED FOR THE TIMES-DISPATCH BY C. K. HOWELL, ARCHITECT.



The house shown by the illustrations to be erected upon a lot of ample size. The first story is constructed of field stone, laid up at random. The wood columns of the piazza and portico are supported on bases constructed of a similar kind of stone. The chimneys are also built of field stone. The second and third stories are covered on the exterior with cedar shingles and left to weather finish. The trimmings are painted white, and the blinds bottlegreen. The roof is to be also covered with cedar shingles and left to weather finish. Height of ceilings: Cellar, 7 feet; first story, 10 feet 6 inches; second, 10 feet, attic, 8 feet. All interior throughout is trimmed with cypress. Reception hall contains an ornamental staircase. The parlor and reception-room has the small bay window with seat at the front, and also have open fireplaces, with mantels, etc. The dining-room has a bay window with seat. The butler's pantry is fitted up with a sink, drawers, dresser, etc. The kitchen is provided with a large stove, and a sink, and the rear porch is of sufficient size. The second floor contains four bedrooms and bath. There is a linen closet and eight closets. The attractive feature of the second floor is the spacious hall. The attic contains ample space for a servant's room and storage.

Another attractive feature of the house is the location of the lot, which is situated on a gentle slope, and is well adapted for the purpose. The house is well adapted for the purpose of a suburban home, and is well adapted for the purpose of a suburban home.

Each student as Mr. Coffey is making illustrate perfectly the point that is made in the campaign for a national endowment of the George Washington University that nowhere else in the world are there such opportunities for advanced research work along lines of applied science as are offered in Washington. The growth of this single division of a department in the Bureau of Soils in the last few years has given scores of young scientists a chance to investigate subjects of which only very young and very little was known. In summarizing the results of various investigations upon soil classification, the department of graduate studies, of which Prof. Charles E. Monroe has charge, will unquestionably have secured an important contribution to human knowledge.

## USES OF AN AGENT FOR REAL ESTATE

(Continued from First Page.)

and an excellent junior is scarcely ever able to obtain the results from property that a capable, honest and progressive agent might.

In Touch With Demand. A regularly established real estate agent is in direct and constant touch with the public demand, knows the present and possible extent and

(This plan is the rear stair, leading from kitchen to other floors without passing through other parts of the house. Basement is provided with heating apparatus, fuel room, vegetable cellar, laundry, etc.)

**PAINTING.** After the mason, bricklayer, carpenter, plumber, heating and plaster comes the painter. At this stage of progress in the work, the owner usually thinks of moving in; in fact, he thinks he should have been living in his new house several weeks ago. If weather conditions have been good, the representatives of other branches of house-building have got along smoothly, excepting a little shaking up now and then. The owner, having contracted for the painting, now calls on the painter. A great many men of colors and brushes are always ready to promise quick work (and I am free to say the mysteries of his trade are equal to any reasonable emergency), and is apt to hummer his employer's impatience, and meekly submits to his wishes, knowing that his employer's hurry is his gain. You, builder, did it ever occur to you that first-class inside painting is a slow process? Think of this: after the first coat is laid, it should stand long enough to become thoroughly dry—dry enough to be sandedpapered. The second coat should be a little heavier than the first or priming coat. It does

not dry as fast as the first. (I am speaking of good materials properly proportioned.) Each coat must be thoroughly dry before it is sandedpapered. Any kind of good work requires three coats. Extra good work, four, besides varnishing.

If you succeed in doing this work inside of four weeks, you are fortunate. Thus, you see, it requires time to do good work. Time for the men to do theirs, and time for nature to do hers. Sometimes nature frowns and lowers a curtain of humidity for days at a time, which prevents the oils from drying. It is possible for your painter to finish all four coats in as many days; but if he is honest and you have not hurried him unreasonably, his conscience will suffer. Good painting, like other good things, is durable, looks well, and is the cheapest in the end.

Good painters pride themselves on doing good work. So if you desire first-class work, you should give the painter a reasonable price and sufficient time in which to do the work properly. There is doubtless more adulteration in paint than in any materials used in house-finishing. So general is this the case that it is often difficult to get pure materials. This is caused by the low price of products of petroleum, the earth materials used to adulterate mineral paints, and the demand for cheap work.

direction of the available supply and can frequently negotiate with a tenant to far better advantage than even the owner might, because of the latter's partial ignorance of exact local conditions, with which only an active broker and agent can be perfectly familiar, owing to his receipt of daily information from sources unthought and unheard of by an owner.

Therefore, provided an agent is prepared to render capable, honest and intelligent service to an owner in return for a fair remuneration, it is very false economy on the part of an investor to attempt the supposed saving of this small item by resorting to personal management, with the co-operation or assistance of a junior or superintendent, to whom a discovery of unfair or dishonest dealing means only a loss of position and not business and reputation, as such similar disclosures would to established brokerage concerns, which attempted to unduly enrich themselves at the expense of their clients.

With careful and experienced thought, attention to public demand, the employment of sensible and practical methods, economic liberality of treatment to tenants, the auspices of the importance of proper light and air facilities and the necessity for modern improvements and the greatest possible elimination of all forms of managerial "leakage and rust," any well-located city property should be able to earn a better net income and prove an attractive investment with better chances and greater probabilities of substantial increases in value, than any other reliable and conservative investments offered the public in the markets of the world to-day.

There is no investment that money can find in Richmond at this time that offers greater or surer returns than the purchase of real estate and the erection thereon of houses for rent.

**Stole Serum from Dr. Doyen.** A large quantity of valuable anti-tuberculous serum has been stolen from the Park Laboratory of Dr. Doyen, the discoverer of the serum.

Real Estate and Building News (Continued from First Page.)

ated, lying as it does close to the city, and also to the Deep Run Hunt Club and Lakeside Park, with its fine golf course, bowling alleys, boating and fishing, and the avenues are the finest for driving of any around Richmond. Few suburbs in all this broad land offer so many inducements as does Ginter Park.

But the activity has not been confined to Ginter Park. Barton Heights, Chestnut Hill, Highland Park, Fairmount, Howard's Grove and Highland Park have also been stirring and showing some sales.

Highland Park has been especially active, and it is alleged that not less than a dozen beautiful lots in this attractive suburb changed hands in the past week; but names and figures are not given.

Highland Park has been especially active, and it is alleged that not less than a dozen beautiful lots in this attractive suburb changed hands in the past week; but names and figures are not given.

**Special Excursion via C. & O. to Exposition**  
Next Monday, May 13th, RICHMOND DAY.  
\$1.50—Round Trip—\$1.50.  
Special train leaves Richmond 8:15 A. M.  
Grand Military Parade 2:00 P. M. to be reviewed by the famous Japanese General Kuroki and all admirals of the fleet. Brilliant illumination of the battlements and cruisers at night, to be seen only by Chesapeake and Ohio excursionists.  
Returning, leave Exposition Pier 9:00 P. M.  
Tickets also good, returning, leaving Exposition Pier 4:30 P. M.  
Ten hours at Exposition.  
Only the running Excursion to Exposition on this date.

**Stole Serum from Dr. Doyen.** A large quantity of valuable anti-tuberculous serum has been stolen from the Park Laboratory of Dr. Doyen, the discoverer of the serum.

Wm. Perry Cave,

## Architect

Bank of Richmond Building,  
9th and Main Streets,  
Room 205.

C. K. HOWELL CO.

## Architect

729 East Main Street.

Phone 5346.

...I AM AN...

## Architect

of twenty years' practical experience. Special attention given to the superintending of building contracts.  
Phone 4293L

Chas. H. Nicholson,

622 South Pine St., Richmond, Va.

## SARGENT

When you have plumbing to be done, and want it done right—see Sargent

Hot Water and Steam Heating Engineer

## SARGENT

600E MAIN

## Paint-Point-Point

Makes the old house look new. Makes the old-fashioned house look modern, if the colors are rightly chosen.

Makes any house sell or rent quicker. Makes your house last longer and saves other repair bills.

We use the best materials and labor on all our work; you get full value for every dollar you spend.

**R. L. PETERS,**  
NO. 109 N. EIGHTH STREET.

**I WILL WORK FOR YOU**  
at any time at your office, if you do not want your drawings to go outside.

**Black and Blue Prints**  
In any size, for any purpose, made promptly.

**W. A. CHILDREY,**  
DRAUGHTSMAN,  
507 American Bank Building.

## PAINTS THAT STAY PAINTED

Floor Paint, Floor Stain, Floor Brushes, Floor Wax, Floor Oil, Floor Varnish.

**Jno. L. Branch & Co.**  
1424 East Main Street.  
Phone 164.

**ARTISTIC DESIGNS FOR**  
**D. WILEY ANDERSON, ARCHITECT**  
PHONE 745  
220 E. MAIN ST. RICHMOND, VA.

**William C. West, Architect.**  
1103 East Main Street,  
(Merchants National Bank Building),  
RICHMOND, VIRGINIA.

**GLASS**  
EVERY KIND  
LARGEST STOCK IN SOUTH  
**BINSWANGER & CO.**  
INCORPORATED  
RICHMOND, VA.  
MEMPHIS, TENN.



## Detroit Jewel Gas Ranges

If you want a Gas Range you want the best. If you want the best you want the

## Detroit Jewel.

Better this year than ever.

**Virginia Plumbing and Heating Company,**  
Phone 194. 26 North Ninth Street.



## Largest and Best Equipped Awning and Tent Factory

South of New York  
Over 7,500 square feet Window Shades, Fly Screens, Venetian Blinds, Decorations & Flags

**C. B. NORVELL,**  
Phone 486. 400 East Broad Street.

## Sanitary Plumbing

Tinning and Job Work our specialty. We can repair your stoves, ranges and furnaces at a moderate cost.

**TRY US**  
**ANDERSON & CO., 710 E. Main**

## J. T. WILSON, Building Construction of All Classes

Home Office: Rooms 807-8-9 Mutual Building, Richmond, Va.;  
S. Ver Veer, Chief Engineer.  
New York Office: 5016 Metropolitan Building;  
W. H. Hoffmann, Engineer.  
Nashville Office: 32 Homestead Building;  
H. F. Ashton, Engineer.  
Estimates given on all classes of building construction in any part of the country. Steel and reinforced concrete buildings a specialty.

**W. H. JENKS**  
Electrical Contractor  
617 E. Main.  
Day Phone: 338  
Night Phone: 2464, 2274, 2937

## Largest Repair Shop in the South.

Expert Service Rendered Day or Night.  
New Motors Installed While Old One is Being Repaired, Without Extra Cost to Customer.

Lawn Mowers, large variety, \$2.50 and upwards.  
Rubber Hose, plain and wired, 8c foot and upwards.  
Hose Reels, all steel; Lawn Rakes, Step Ladders, &c.  
Headquarters for Builders' Hardware.

**A. B. Clarke & Son Hardware Company,**  
1215 E. Main Street, Richmond, Va.  
"At the Sign of the Padlock."

## Prepare for Summer Before the Rush

**ELECTRIC FANS. GAS RANGES.**  
Most people wait until the last minute and then worry because their orders are not filled promptly. Order now and save worry.

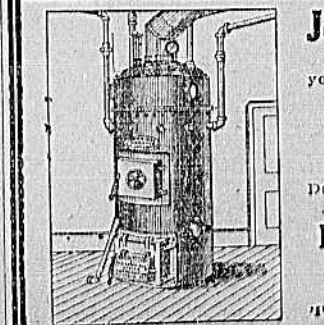
**Southern Plumbing & Electric Co.,**  
Headquarters for Plumbing and Electric Work.  
619 EAST MAIN STREET  
Detroit Jewel Gas Ranges, Majestic Ranges, etc.



## The Promotion of Good Health

By means of modern sanitary plumbing cannot be questioned; but the installment and fitting up of a model bath-room, kitchen, and wherever required throughout your home, should be placed in the hands of plumbers who have the experience, skill and the desire to do the best work, backed by scientific intelligence. Call to see us.

**Mahoney & Weisiger,**  
523 East Main Street.  
PHONE No. 800.



## Join the Don't Worry Club

All its benefits obtained by installing in your home the  
**Coppridge Hot Water Heater**  
Comfort and Satisfaction guaranteed. Don't procrastinate, but immediately consult

**EDWIN B. SADTLER, M. E.,**  
General Manager.  
COMMONWEALTH BANK BUILDING,  
Phone 776. Richmond, Va.